

Converting Colors

HunterLab(53.3667, -68.6500,
5.6297)

Have a look what the booklet for
HunterLab(53.3667, -68.6500,
5.6297) contains.

HunterLab(59.7031, -40.5662, 12.9472)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(59.7031,
-40.5662, 12.9472)**

Conversions

Conversions Part 1

Format	Color
Hex	00B788
RGB	0, 183, 136
RGB Percent	0%, 72%, 53%
CMY	0.9999, 0.2823, 0.4667
CMYK	1.00, 0.00, 0.26, 0.28
HSL	165°, 100%, 36%
HSV	165°, 100%, 72%
XYZ	21.3775, 35.6446, 29.0459
YIQ	122.9250, -93.9810, -53.4130

Conversions

Conversions Part 2

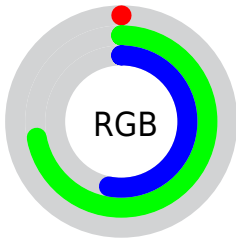
Format	Color
RYB	0, 105, 183
Decimal	46984
CIELab	66.25, -50.44, 13.06
CIELCh	66, 52.106, 165.485
Yxy	35.6460, 0.2484, 0.4141
Android (android.graphics.Color)	4278237064 (0xFF00B788)
YUV	122.9250, 6.4460, -107.8052
Hunter-Lab	59.7031, -40.5662, 12.9472

Details

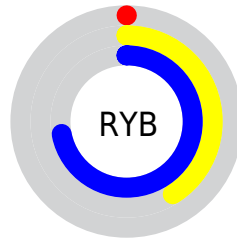
The HunterLab color **59.7031, -40.5662, 12.9472** is a dark color, and the websafe version is hex **33CC99**. A complement of this color would be **32.0523, 55.5279, 15.7436**, and the grayscale version is **44.4809, -2.3734, 2.4167**.

A 20% lighter version of the original color is **82.7533, -47.3876, 15.6689**, and **40.4628, -28.7689, 11.5287** is the 20% darker color. If you saturate the color by 10%, you get **59.7040, -40.5678, 12.9494**, and if you desaturate by 10%, it is **59.9284, -39.4205, 11.4214**.

Distribution



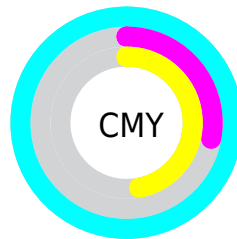
- Red (0%)
- Green (72%)
- Blue (53%)



- Red (0%)
- Yellow (41%)
- Blue (72%)



- Cyan (100%)
- Magenta (0%)
- Yellow (26%)
- Black (28%)



- Cyan (100%)
- Magenta (28%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 59.7031, -40.5662, 12.9472 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the HunterLab color 59.7031, -40.5662, 12.9472 by changing the saturation by 10% instead.

■ 59.7031, -40.5662,
12.9472

■ 59.7031, -40.5662,
12.9472

180.9449,
-68.0816, 24.5915

■ 49.1538, -36.9401,
11.6460

■ 82.7559, -47.3222,
15.5195

■ 39.3103, -33.0865,
10.3220

■ 95.1884, -50.5127,
16.8006

■ 30.2290, -28.9339,
8.9616

■ 108.1879,
-53.6070, 18.0832

■ 21.9802, -24.3717,
7.5418

■ 121.7305,
-56.6206, 19.3701

■ 14.6581, -19.8271,
6.0221

■ 135.7953,
-59.5658, 20.6630

■ 8.3172, -14.5550,
5.8220

■ 150.3636,

0.0000, NaN, NaN

-62.4525, 21.9635

0.0000, NaN, NaN

165.4186,
-65.2888, 23.2727

0.0000, NaN, NaN

■ 59.7031, -40.5662,
12.9472

■ 59.7031, -40.5662,
12.9472

■ 59.7040, -40.5678,
12.9494

■ 59.9284, -39.4205,
11.4214

■ 60.2589, -37.8390,
9.9509

■ 60.7319, -35.6861,
8.5861

■ 61.3623, -32.9191,
7.3550

■ 62.1609, -29.5200,
6.2809

■ 63.1345, -25.4915,
5.3821

■ 64.2869, -20.8534,
4.6722

■ 65.6192, -15.6393,
4.1597

■ 67.1302, -9.8930,
3.8486

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



59.7043, -31.8160, 26.0226



59.7031, -40.5662, 12.9472



59.7043, -40.4224, -9.2433

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



59.7043, -40.5666, 12.9478



59.7043, 9.2101, -53.9052



59.7043, 31.4619, 26.3016

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



59.7031, -40.5662, 12.9472



32.0523, 55.5279, 15.7436

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



59.7043, 46.2378, 13.5172



59.7031, -40.5662, 12.9472



59.7043, 32.1140, -34.8701

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



59.7043, -40.5666, 12.9478



59.7043, -13.9754, -54.2473



59.7043, 46.4933, -8.4093



59.7043, 8.4224, 31.4849

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



59.7031, -40.5662, 12.9472



59.7043, -35.3780, -27.0487



59.7043, 46.4933, -8.4093



59.7043, 37.7052, 23.0269

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



59.7043, -40.5666, 12.9478



85.9481, -28.2406, 6.2944



58.7509, -47.5422, 35.3691



40.0768, -14.5358, 3.1336



96.5975, -5.1542, 5.2483



43.2801, -2.3093, 2.3515

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



59.7043, -40.5666, 12.9478



79.8744, -54.4406, 17.6855



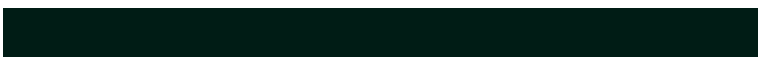
47.1860, -14.5936, -27.4734



31.8907, -4.5073, 1.8192



49.8776, -33.8120, 10.6478



9.4152, -6.0423, 1.2754

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



32.0523, 55.5279, 15.7436



42.8560, 74.1762, 21.6150



34.3146, 45.9786, 21.9484



30.0817, 1.3358, 1.6295



26.7881, 46.4461, 12.8855



5.1320, 9.0963, 0.9312

Previews

White Background



This preview shows how the HunterLab color 59.7031, -40.5662, 12.9472 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the HunterLab color 59.7031, -40.5662, 12.9472 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

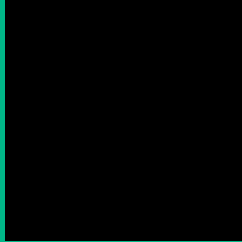
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 59.7031, -40.5662, 12.9472 Background



This preview shows how black text looks on a background with the HunterLab color 59.7031, -40.5662, 12.9472.



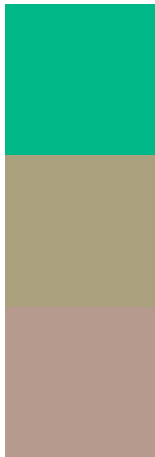
This preview shows how white text looks on a background with the HunterLab color 59.7031,

-40.5662, 12.9472.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

59.7031, -40.5662, 12.9472

Protanopia

59.3029, -4.9024, 17.0585

Deuteranopia

59.1686, 4.2436, 10.8901



Tritanopia

59.7480, -25.0207, -11.9634

Trichromacy



Original Color

59.7031, -40.5662, 12.9472



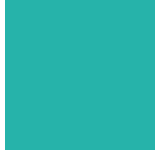
Protanomaly

57.2524, -24.8993, 13.3347



Deuteranomaly

57.0234, -20.3091, 8.9849



Tritanomaly

59.6276, -31.9782, -1.6324

Monochromacy



Original Color

59.7031, -40.5662, 12.9472



Achromatopsia

44.5050, -2.3747, 2.4180



Achromatomaly

48.4035, -21.4113, 4.4360

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 59.7031, -40.5662, 12.9472 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(0, 183, 136)` looks like.

```
.text, #text, p{  
    color:rgb(0, 183, 136)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(0, 183, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 183, 136) }
```

Border

The CSS property to change the border of an element to HunterLab 59.7031, -40.5662, 12.9472 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(0, 183, 136) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(0, 183, 136) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(0, 183, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 183, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 183, 136);  
box-shadow:4px 4px 4px 4px rgb(0, 183,  
136) }
```

Background

The CSS property to change the background color of an element to HunterLab 59.7031, -40.5662, 12.9472 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 183, 136) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(0, 183,  
136) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor